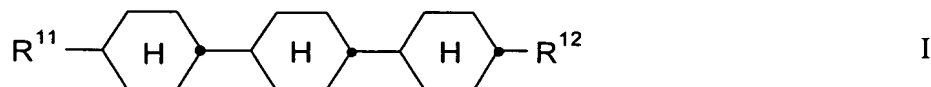


The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

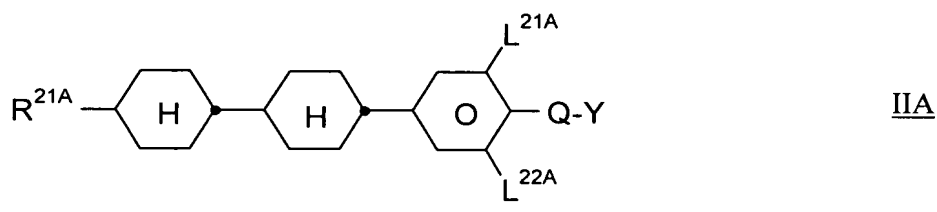
1. (Currently Amended) A liquid-crystal mixture comprising a compound of formula I



wherein

$R^{11}$  is an alkenyl ~~or alkenyloxy~~ radical having 2 to 7 carbon atoms; and  
 $R^{12}$  is ~~an alkyl or alkoxy radical having 1 to 12 carbon atoms or an alkenyl or alkenyloxy radical having 2 to 7~~ 12 carbon atoms, ~~in which optionally, one or more  $CH_2$  groups are replaced by  $O$ ,  $S$ ,  $C \equiv C$ ,  $CO$ ,  $OCO$  or  $COO$  in such a way that heteroatoms are not linked directly to one another~~

and a compound of formula IIA



wherein

$R^{21A}$  is an alkenyl radical having 2 to 7 carbon atoms;

Q is  $CF_2$ ,  $OCF_2$ ,  $CFH$ ,  $OCFH$  or a single bond;

Y is F or Cl; and

$L^{21A}$  and  $L^{22A}$  are each, independently of one another, H or F.

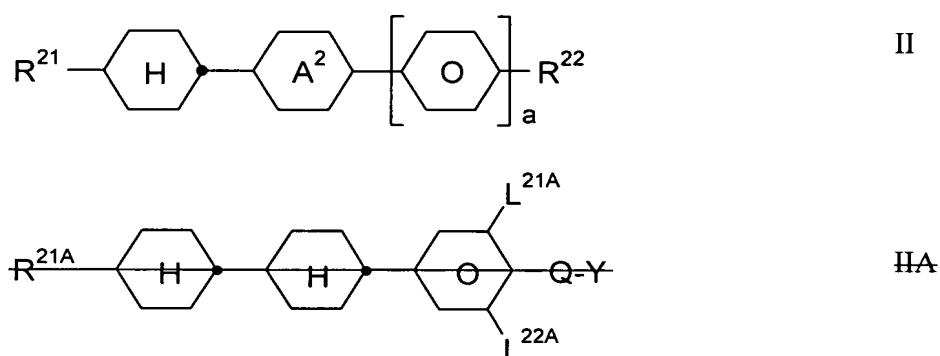
2. (Cancelled)

3. (Original) A liquid-crystal mixture according to claim 1, wherein  
 $R^{11}$  is  $CH_2=CH-$  or  $CH_3-CH=CH-$ ; and

$R^{12}$  is  $CH_2=CH-$  or  $CH_3-CH=CH-$ .

4. (Original) A liquid-crystal mixture according to claim 1, wherein the compound of the formula I is present in the liquid-crystal mixture in an amount of 1 to 25% by weight.

5. (Currently Amended) A liquid-crystal mixture according to claim 1, further comprising a compound of formula II ~~and/or of the formula IIa~~:



wherein

$R^{21}$  is an alkenyl or alkenyloxy radical having 2 to 7 carbon atoms;

~~$R^{21A}$  is an alkenyl radical having 2 to 7 carbon atoms;~~

$R^{22}$  is an alkyl or alkoxy radical having 1 to 12 carbon atoms or an alkenyl or alkenyloxy radical having 2 to 12 carbon atoms, in which optionally, one or more  $CH_2$  groups are replaced by  $-O-$ ,  $-S-$ ,  $-C\equiv C-$ ,  $-CO-$ ,  $-OCO-$  or  $-COO-$  in such a way that heteroatoms are not linked directly to one another;

the ring  $A^2$  is 1,4-phenylene or trans-1,4-cyclohexylene; and

$a$  is 0 or 1;

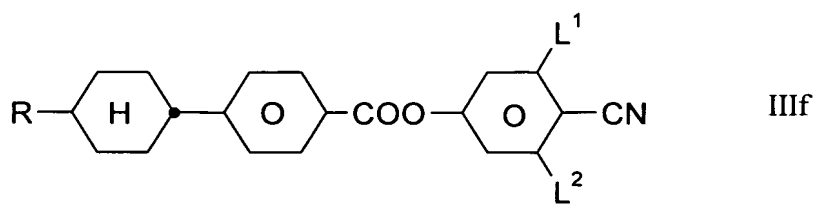
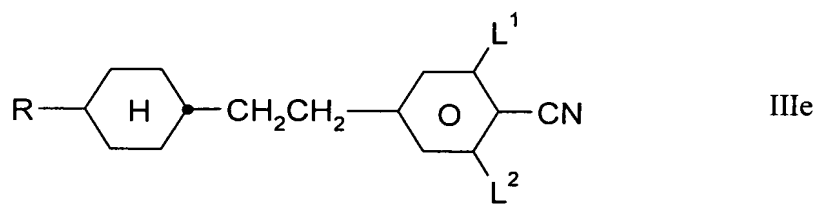
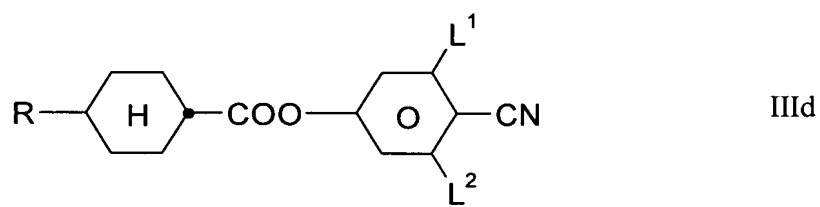
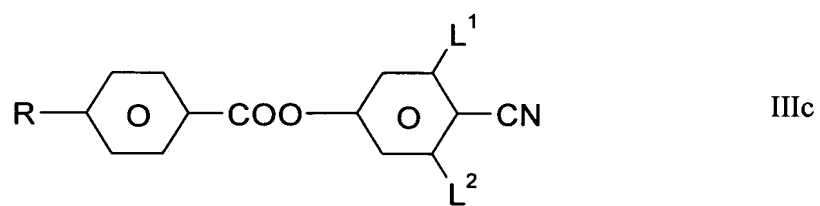
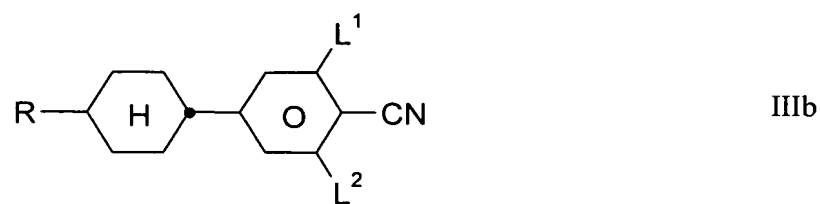
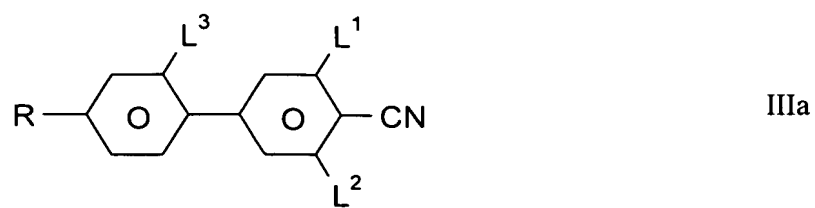
~~$Q$  is  $CF_2$ ,  $OCF_2$ ,  $CFH$ ,  $OCFH$  or a single bond;~~

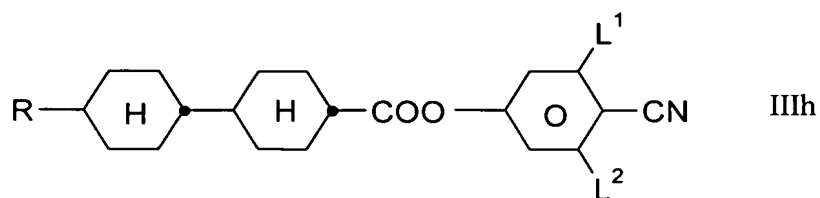
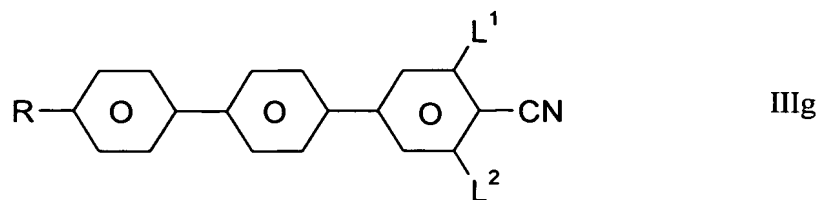
~~$Y$  is F or Cl; and~~

~~$L^{21A}$  and  $L^{22A}$  are each, independently of one another, H or F;~~

wherein at least one of radicals  $R^{21}$  and  $R^{22}$  is an alkenyl radical.

6. (Original) A liquid-crystal mixture according to claim 1, further comprising a compound of formulae IIIa to IIIh:



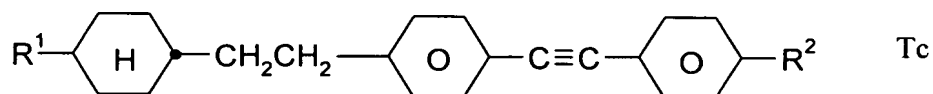
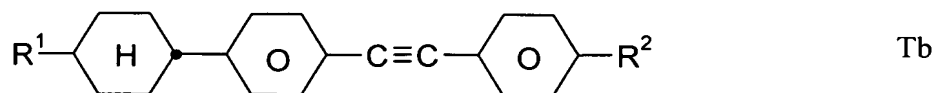
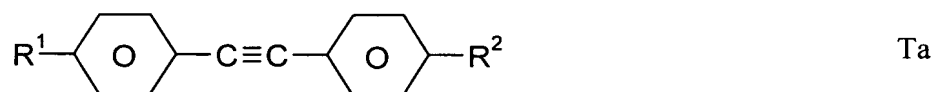


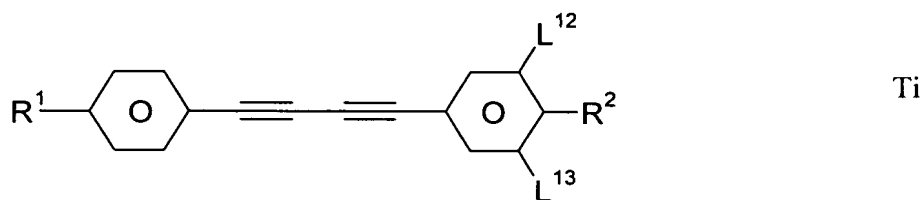
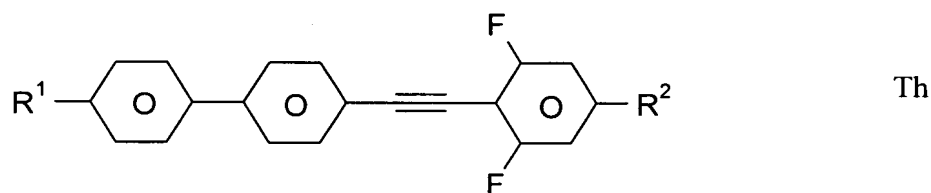
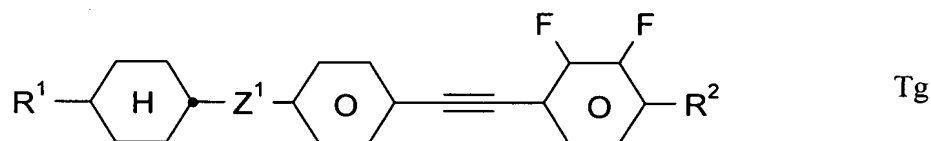
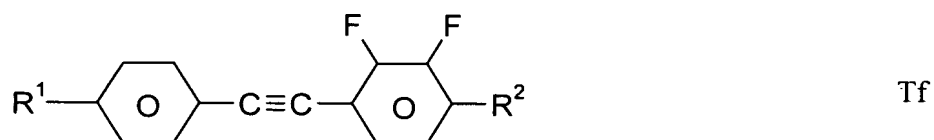
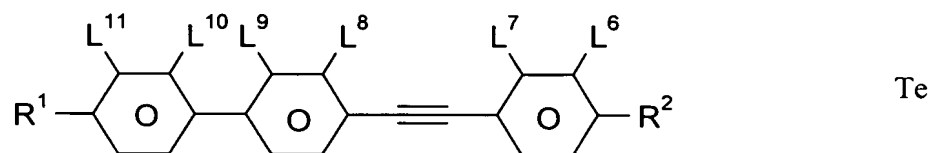
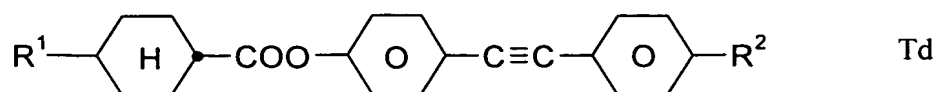
wherein

R is an alkyl or alkoxy radical having 1 to 12 carbon atoms or an alkenyl radical having 2 to 12 carbon atoms, in which optionally one or more CH<sub>2</sub> groups are replaced by -O-, -S-, -C≡C-, -CO-, -OCO- or -COO- in such a way that heteroatoms are not linked directly to one another; and L<sup>1</sup>, L<sup>2</sup> and L<sup>3</sup> are each, independently of one another, H or F.

7. (Original) A liquid-crystal mixture according to claim 6, wherein the liquid-crystal mixture comprises a compound of formula IIIb or IIIc.

8. (Original) A liquid-crystal mixture according to claim 1, further comprising a tolan compound of formula Ta to Ti:





wherein

$R^1$  and  $R^2$  are, independently of one another, an alkyl or alkoxy radical having 1 to 12 carbon atoms or an alkenyl radical having 2 to 12 carbon atoms, in which optionally one or more  $\text{CH}_2$  groups are replaced by  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{C}\equiv\text{C}-$ ,  $-\text{CO}-$ ,  $-\text{OCO}-$  or  $-\text{COO}-$  in such a way that heteroatoms are not linked directly to one another;

$\text{Z}^1$  is  $-\text{CO}-\text{O}-$ ,  $-\text{CH}_2\text{CH}_2-$  or a single bond; and

L<sup>6</sup> to L<sup>13</sup> are each, independently of one another, H or F.

9. (Original) A liquid-crystal display containing a liquid-crystal mixture according to claim 1.

10. (Original) A TN or STN liquid-crystal display comprising

- two outer plates, which, together with a frame, form a cell,
- a nematic liquid-crystal mixture of positive dielectric anisotropy located in the cell,
- electrode layers with alignment layers on the insides of the outer plates,
- a tilt angle between the longitudinal axis of the molecules at the surface of the outer plates and the outer plates of from 0 degree to 30 degrees,
- a twist angle of the liquid-crystal mixture in the cell from alignment layer to alignment layer with a value of between 22.5° and 600°,
- a nematic liquid-crystal mixture comprising
  - a) 15 – 80% by weight of a liquid-crystalline component A consisting of one or more compounds having a dielectric anisotropy of greater than +1.5;
  - b) 20 – 85% by weight of a liquid-crystalline component B consisting of one or more compounds having a dielectric anisotropy of between -1.5 and +1.5;
  - c) 0 – 20% by weight of a liquid-crystalline component D consisting of one or more compounds having a dielectric anisotropy of below -1.5, and
  - d) optionally, an optically active component C in such an amount that the ratio between the layer thickness and the natural pitch of the chiral nematic liquid-crystal mixture is from about 0.2 to 1.3,

wherein the nematic liquid-crystal mixture is according to claim 1.

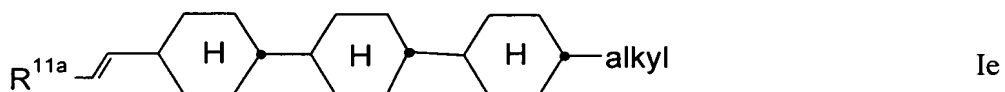
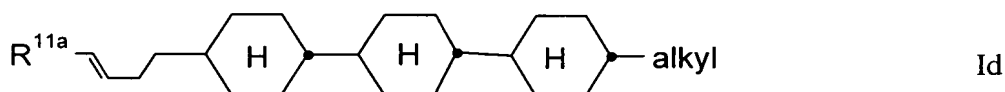
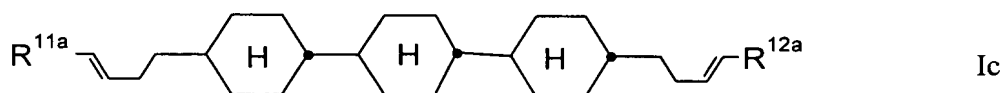
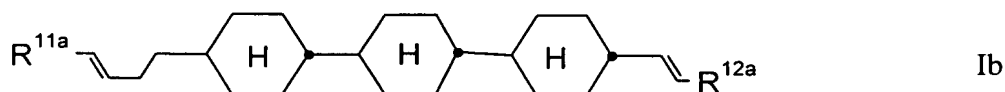
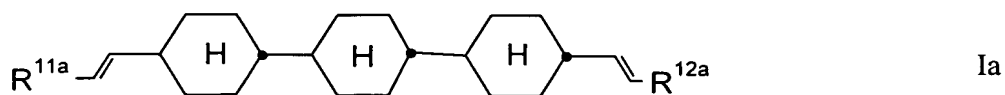
11. (Original) A cholesteric liquid-crystal display, SSCT or PSCT display comprising one or more chiral dopants and a liquid-crystal mixture according to claim 1.

12. (Original) A liquid-crystal mixture according to claim 1, wherein the compound of the formula I is present in the liquid-crystal mixture in an amount of 2 to 20% by weight.

13. (Original) A liquid-crystal mixture according to claim 1, wherein the

compound of the formula I is present in the liquid-crystal mixture in an amount of 3 to 15% by weight.

14. (Original) A liquid-crystal mixture according to claim 1, comprising a compound of formula Ia, Ib, Ic, Id, or Ie:



in which  $R^{11a}$  and  $R^{12a}$  are each, independently of one another, H,  $CH_3$ ,  $C_2H_5$  or  $n-C_3H_7$ , and alkyl is an alkyl group having from 1 to 8 carbon atoms.

15. (Original) A liquid-crystal mixture according to claim 14, comprising a compound of formula Ia or Ie.

16. (Original) A liquid-crystal mixture according to claim 15, wherein  $R^{11a}$  and  $R^{12a}$  are, each independently H or  $CH_3$ .